USER MANUAL

PC HDTV TUNER

MAKING CONNECTIONS easy

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Chapter 1: Introduction

1.1 Package Contents

The following items are included in the ENUTV-DAQ package.

- 1 PC HDTV Tuner
- 1 Installer CD
- 1 RF adapter
- 1 User Manual
- 1 Remote Control
- 1 USB extension cable
- 1 Portable antenna

1.2 Requirement

- Operating Systems:
  Windows® XP (SP3) / Windows Vista® (SP2) / Windows® 7
- Processor: Intel® Pentium® 4 2.0 GHz or above CPU
  (2.8 GHz or above for HDTV)
- RAM: minimum 256 MB
  (512 MB DDR RAM recommended)
- Hard Disk: minimum 1GB free space, 5400 RPM or above
- Graphics Card: 1024x768 resolution or higher,
  Microsoft DirectX® 9.0c or above

Notes:

To support HDTV (High definition TV), the minimum requirement is one of the following video cards with DX-VA (video card hardware acceleration) enabled:

- ATI Radeon 7200 or above
- nVidia Geforce MX 440 or above
- Intel 82865 or above

To support HDTV 1080p with subtitle/DTV CC:

A Pentium IV 2.8 GHz processor (or higher) is recommended.

The minimum requirement is one of the following video cards with DX-VA enabled:

Recommended:

- ATI Radeon X700 (256M RAM) or above
- nVidia Geforce FX 6200 (256M RAM) or above

Chapter 2: Getting Started

2.1 Connect ENUTV-DAQ

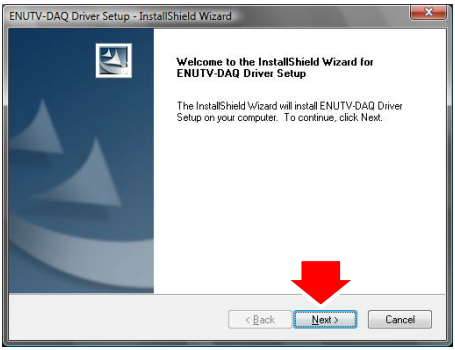
To install the ENUTV-DAQ into your computer, follow the steps below:

1. Connect the TV antenna / cable to the connector.

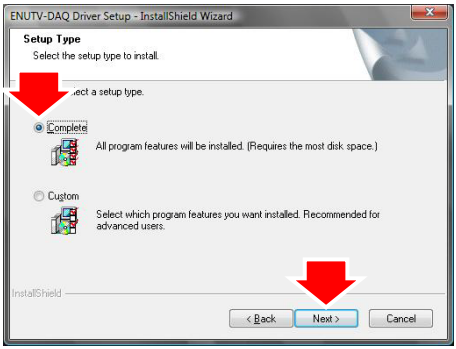
Notes: We highly recommend you use the outdoor antenna for better signal reception

2.2 Device Driver Installation

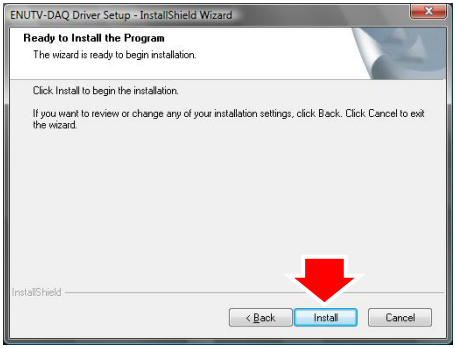
1. Insert the installation CD into the CD-ROM drive. The setup screen will automatically appear.
2. Click the "*Setup Driver*" button.


ENUTV-DAQ Driver Setup - InstallShield Wizard
Welcome to the InstallShield Wizard for ENUTV-DAQ Driver Setup
The InstallShield Wizard will install ENUTV-DAQ Driver Setup on your computer. To continue, click Next.
< Back
Next >
Cancel

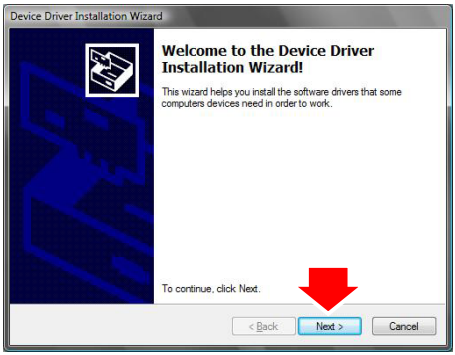
3. Click "*Next*" on driver setup welcome window to continue.


ENUTV-DAQ Driver Setup - InstallShield Wizard
Setup Type
Select the setup type to install.
ect a setup type.
Complete
All program features will be installed. (Requires the most disk space.)
Custom
Select which program features you want installed. Recommended for advanced users.
InstallShield
< Back
Next >
Cancel

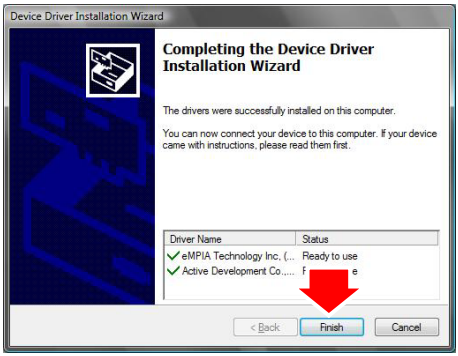
4. Make sure the "*Complete*" radio button is selected then click "*Next"*


ENUTV-DAQ Driver Setup - InstallShield Wizard
Ready to Install the Program
The wizard is ready to begin installation.
Click Install to begin the installation.
If you want to review or change any of your installation settings, click Back. Click Cancel to exit the wizard.
InstallShield
< Back
Install
Cancel

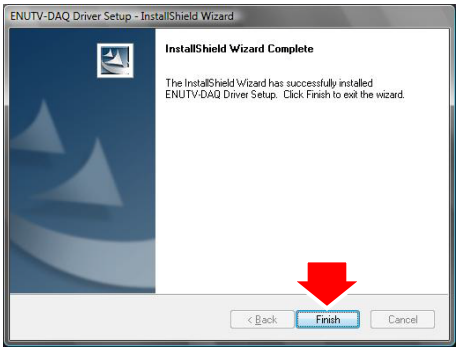
5. Click *"Install" button*


Device Driver Installation Wizard
Welcome to the Device Driver Installation Wizard!
This wizard helps you install the software drivers that some computers devices need in order to work.
To continue, click Next.
< Back
Next >
Cancel

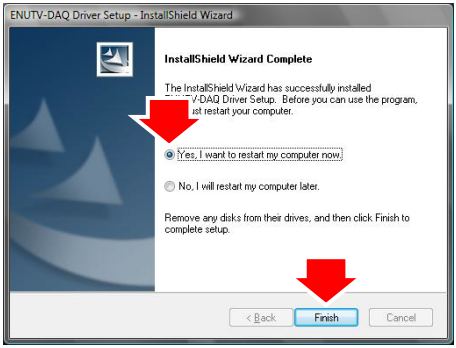
6. Click "*Next*" button


Device Driver Installation Wizard
Completing the Device Driver Installation Wizard
The drivers were successfully installed on this computer.
You can now connect your device to this computer. If your device came with instructions, please read them first.
Driver Name
Status
eMPIA Technology Inc, (...
Ready to use
Active Development Co.,...
< Back
Finish
Cancel

7. Click *"Finish" button*

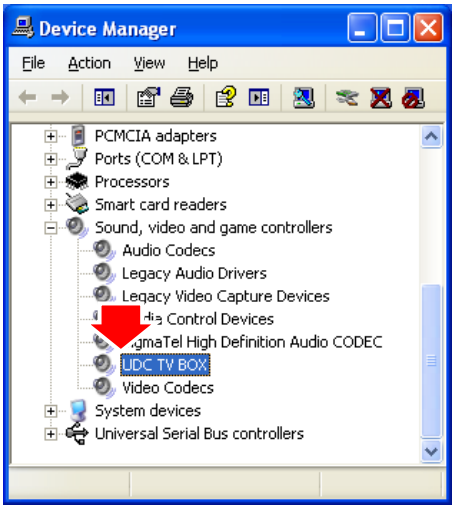

ENUTV-DAQ Driver Setup - InstallShield Wizard
InstallShield Wizard Complete
The InstallShield Wizard has successfully installed ENUTV-DAQ Driver Setup. Click Finish to exit the wizard.
< Back
Finish
Cancel

8. Click "*Finish*" button.


ENUTV-DAQ Driver Setup - InstallShield Wizard
InstallShield Wizard Complete
The InstallShield Wizard has successfully installed
V-DAQ Driver Setup. Before you can use the program,
st restart your computer.
Yes, I want to restart my computer now.
No, I will restart my computer later.
Remove any disks from their drives, and then click Finish to complete setup.
< Back
Finish
Cancel

9. Click "*Finish*" button to restart.

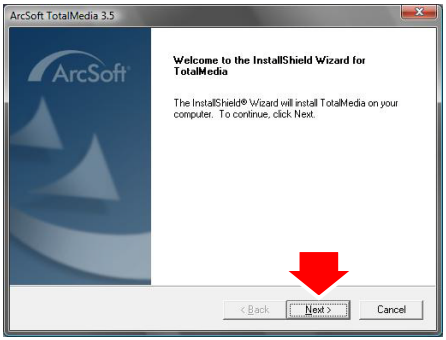
10. Connect the Device to PC USB Hub.



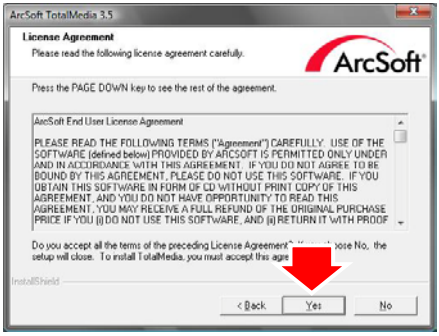
11. To make sure the driver is properly installed and started, open the “Device Manager”. Please double-click the “Sound, video and game controller”.

2.3 Install the TotalMedia™ software.

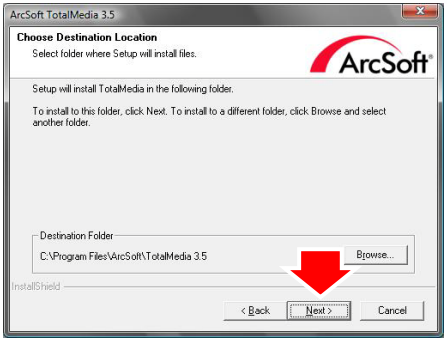
1. Click the *"Setup Utility"* button.


ArcSoft TotalMedia 3.5
ArcSoft
Welcome to the InstallShield Wizard for TotalMedia
The InstallShield® Wizard will install TotalMedia on your computer. To continue, click Next.
< Back
Next >
Cancel

2. Click "*Next*" on TotalMedia setup welcome window to continue.


ArcSoft TotalMedia 3.5
License Agreement
Please read the following license agreement carefully.
ArcSoft
Press the PAGE DOWN key to see the rest of the agreement.
ArcSoft End User License Agreement
PLEASE READ THE FOLLOWING TERMS ("Agreement") CAREFULLY. USE OF THE SOFTWARE (defined below) PROVIDED BY ARCSOFT IS PERMITTED ONLY UNDER AND IN ACCORDANCE WITH THIS AGREEMENT. IF YOU DO NOT AGREE TO BE BOUND BY THIS AGREEMENT, PLEASE DO NOT USE THIS SOFTWARE. IF YOU OBTAIN THIS SOFTWARE IN FORM OF CD WITHOUT PRINT COPY OF THIS AGREEMENT, AND YOU DO NOT HAVE OPPORTUNITY TO READ THIS AGREEMENT, YOU MAY RECEIVE A FULL REFUND OF THE ORIGINAL PURCHASE PRICE IF YOU (i) DO NOT USE THIS SOFTWARE, AND (ii) RETURN IT WITH PROOF
Do you accept all the terms of the preceding License Agreement? If you choose No, the setup will close. To install TotalMedia, you must accept this agre
InstallShield
< Back
Yes
No

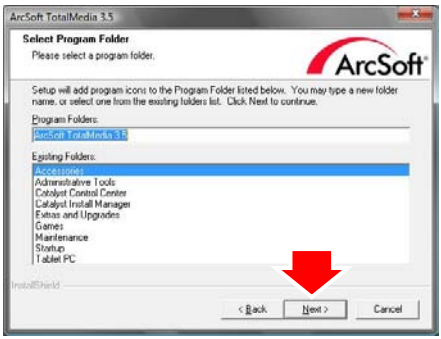
3. Please read the License Agreement and click *"Yes"* button.


ArcSoft TotalMedia 3.5
Choose Destination Location
Select folder where Setup will install files.
ArcSoft
Setup will install TotalMedia in the following folder.
To install to this folder, click Next. To install to a different folder, click Browse and select another folder.
Destination Folder
C:\Program Files\ArcSoft\TotalMedia 3.5
Browse...
InstallShield
< Back
Next >
Cancel

4. Click *"Next"* button to accept the default location or choose a different folder.

Note:

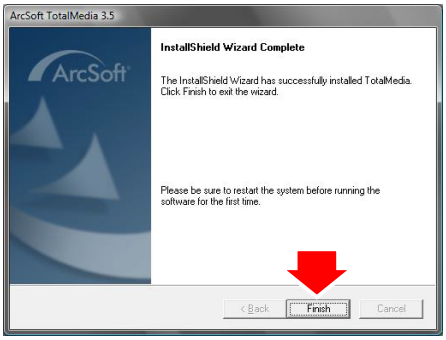
We recommend not to change the default location



5. Click *"Next"* button to accept the default program folder or choose a different folder.

Note:

We recommend not to change the default folder


ArcSoft TotalMedia 3.5
ArcSoft
InstallShield Wizard Complete
The InstallShield Wizard has successfully installed TotalMedia. Click Finish to exit the wizard.
Please be sure to restart the system before running the software for the first time.
< Back
Finish
Cancel

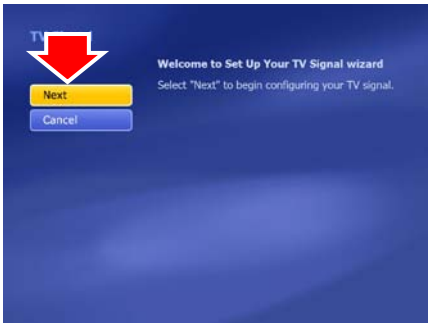
6. Click "Finish" button to exit.

Note:

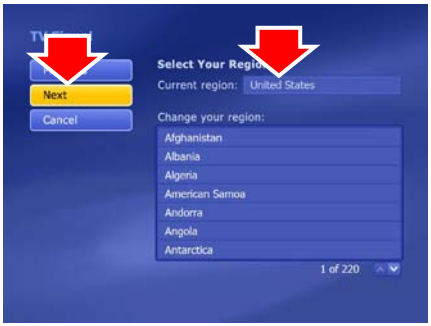
We recommend restarting your computer right after the Installation Wizard.

2.4 Setting the TotalMedia™ software.

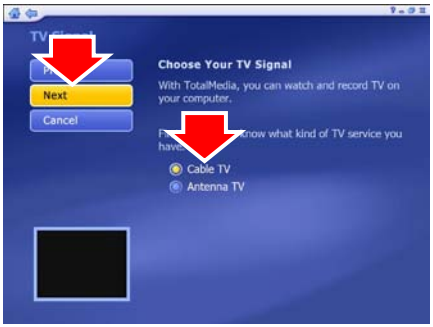
1. Use remote control or mouse to select TV function.



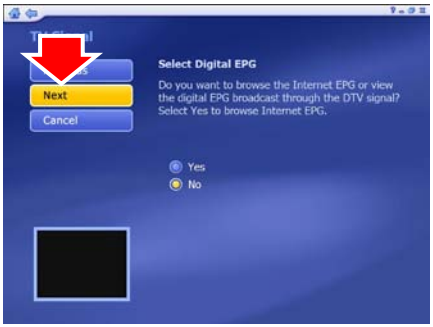
2. Click “Next” button to continue.



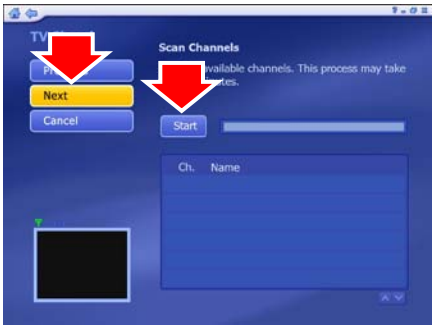
3. Select your region then click “Next” button again.



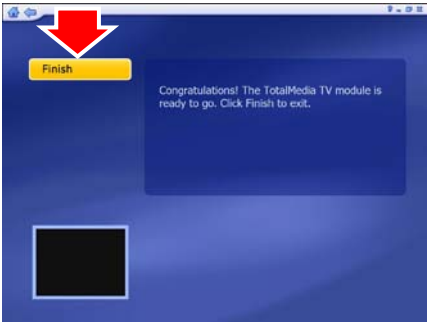
4. Select TV service and click “Next” button.


Select Digital EPG
Do you want to browse the Internet EPG or view the digital EPG broadcast through the DTV signal? Select Yes to browse Internet EPG.
Next
Cancel
Yes
No

5. Click “Next” button to continue.



6. Click “Start” button to scan channel automatically.
7. Click “Next” button when scanning finish.



8. Click “Finish” button.
9. Watch and enjoy your high quality digital TV.

Chapter 3: Launch the TotalMedia

3.1 Floating Toolbar

The floating toolbar appears for a few seconds whenever you move the mouse:

The "Home" button (it looks like a house) takes you to the program's startup screen. The arrow takes you to the previous screen.

The toolbar at the bottom of the screen features standard audio/video playback controls (Play/Pause, Stop, Record,) plus Volume and Channel controls. Special controls for MPEG2 playback and only appear when necessary.

When watching movie discs, video files, and recorded TV shows:
Use these buttons to adjust the playback speed at variable rates.

When watching MPEG-2 videos and recorded TV shows:

Use these buttons to skip forward by roughly 27 seconds, or backwards by roughly 27 seconds. These buttons are useful for bypassing commercials or skipping back slightly if you accidentally skip ahead too far.

3.2 TV Module

This section lets you view and edit the settings for TV recording.

You may pause and rewind TV (while you're watching) using both the remote control and the toolbar.

Options include:

- Full Screen - Displays the video over the entire program display area-typically the entire screen. You can click the Full Screen button to switch into full screen mode. Press "Esc" or double-click the mouse to go back to a normal window.

Note: You should check the "Time Shift" option in TV Settings to display the time bar.

- EPG - Display the electronic programming guide.
- Channels - View the program channel list. Click a channel to learn more about it.
- Recorded TV - Burn the recorded TV shows to a disc.
- Schedule - Program the application to record TV shows.
- Capture Frame - Take a screen capture of the current video screen. The captured image will be saved in the "My Documents | My Pictures" folder by default.
- Teletext - Watch teletext (if available).
- Settings - View and edit the settings for the TV module.

3.3 EPG

This section lets you view the channel program lists.

If you are using a digital TV system, please select to access EPG or network EPG to view the program lists. While using analog TV system, the program will take you to the network EPG directly.

Note: This option is only available if you are using an EPG service. The Internet EPG may not be available in all countries and the EPG on some digital services may not be supported.

3.4 Channels

This section lets you view the channel list and select a specific channel.

The available channels are listed here. There is a preview window in the bottom left corner of the screen. To watch a channel, click on it, and it will appear in the preview window. You can click the button next to the preview window to play it in Full Screen mode. Press "Esc" to exit Full Screen. Double click a channel will take you back to the TV main screen and the program will start showing.

Options include:

- Add to Favorite - Highlight a channel on the list and click on the button to set it as a favorite channel. A checkmark indicates favorite channel.
- Delete From Favorite - If you select a favorite channel, click on this button to remove it from the favorite channels list.
- From the "Channel Type", choose either to view "All" or only the "Favorite" channels.

Note: When using digital tuner, there will be two more options: "TV" and "Radio".

3.5 Recorded TV

This section displays your recorded TV shows.

- When you play back recorded TV, you can fast forward or rewind using either the controls on your remote control, keyboard, or on the floating toolbar. You can click the button next to the preview window to play it in Full Screen mode. Press "Esc" to exit Full Screen.
- From the View section, you can choose either "Detail" or "Thumbnail" view. Both views show you thumbnails of the available photos and folders; "Detail" view includes file/folder names and dates.
- From the Sort section, choose to arrange the photos according to name or date.
- To trim a video, click the scissors icon to the right of the file.
- To rename a video file, click the "A_" icon to access a virtual keyboard.
- Click the Delete (trash can) icon to delete a file.

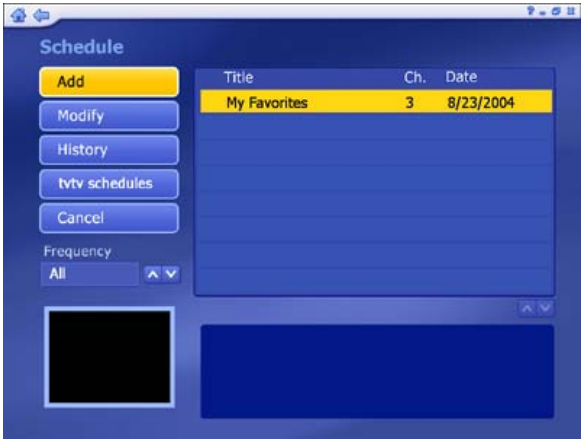
3.6 Burn To Disc

Create a DVD or VCD (depending on your settings) containing the selected files. Burn one or more video clips to disc. Browse to the folder that contains the videos, and select the specific files you want.

- Check the video files you want to burn to a disc. Click again to deselect (uncheck) a video file.
- To trim a video clip, or to choose the frame be used as the chapter button thumbnail, click the scissors icon to the right of the file name.
- Click the disc settings button, to select the proper disc drive, change video format and modify other disc options.
- Click the DVD Menu Design button to personalize your DVD disc with a custom title and graphics.
- When you're ready to make a disc, click "Burn."

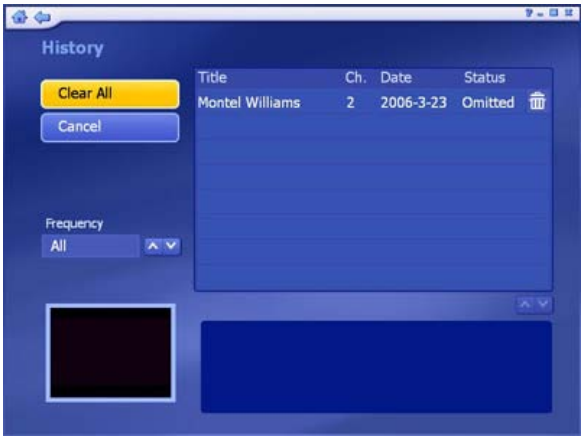
3.7 Schedule

This section lets you program the application to record TV shows, then the application will monitor the schedule and record the scheduled programs automatically on the correct day/time.



- Add - Lets you enter in a new program for recording:

- Enter the name of the program (click "A_" to access a virtual keyboard), then select a channel, recording Frequency (once, daily, or weekly), and set the start/stop recording time.
- Modify - Edit the recording details of the selected item.
- History - Display a history of your recorded TV shows.



- The selected recorded program can be shown in the preview area.
- Click the Delete (trash can) icon to delete a file.
- Click the "Clear All" button to discard all the files.

The "Frequency" option enables you to filter shows by how often they are recorded (once, daily, and weekly).If conflicting recording sessions are scheduled, you will be presented with a summary of the conflicts and asked to update the schedule.

tvtv schedules - Download program schedules from the tvtv website. (The option is only available when you are using the tvtv EPG.)

3.8 TELETEXT

This section lets you watch the teletext. The available teletext channels are listed in the preview area.

Move your mouse to select different teletext channels. The selected titles will be shown on the red, green, yellow and blue area. Click the button with the corresponding color to watch it.

- Click the "Live TV" button to go back to the TV screen.
- Click the "Teletext Home" button to go back to the teletext main index page.

Note: This function is not available in all countries. (Typically only Europe.)

Note: For detailed information and operations of the TotalMedia™ software, please check the TotalMedia™ User's Manual included in installation CD.

Chapter 4: Using the Remote Control

4.1 Installing Batteries

1. Please draw out the plastic from remote control.

2. Infrared sensor. When using the remote control, please aim it at the infrared sensor.

Notes: the remote controller range is up to 6 meters

4.2 Remote controller functions

	Open/Close TV Software
	Back button
	Select / Enter button
	Mute ON / Mute OFF button
0~9	Number Selections 0 to 9
	Switch to the next channel
	Switch to the previous channel
	Volume High
	Volume Low
	Move Cursor Up button
	Move Cursor Down button
	Move Cursor Left button
	Move Cursor right button

Chapter 5: Tips and Troubleshooting

Q1: I've installed the PC HDTV Tuner and can see it in Windows Device Manager. But I just can't get it to work. What's wrong?

A1: Check that you're connected directly to a USB 2.0 port on your computer - if not, that may be the problem. You need a free USB 2.0 port for the HDTV tuner to work properly; connecting through a hub can cause problems (particularly if the hub's not powered or has several devices plugged into it). In some cases even an extension cord can cause problems, particularly if it's longer than 10 feet.

If that doesn't solve it, try restarting your machine and make sure no other applications are running — video requires a lot of computer horsepower and additional apps may be just enough to cause a problem.

Sometime even an intense virus scan or indexing software like Google Desktop Search, Yahoo Desktop Search can be enough to cause quality or reliability problems. The only way to be sure is to trying to turning off the software long enough to check whether the problem stops.

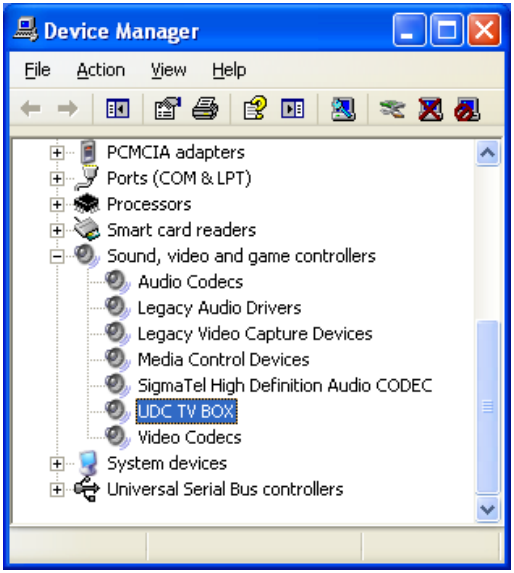
Q2: TotalMedia is giving me a "device cannot be detected" message even though my HDTV tuner's plugged in properly - how do I fix this?

A2: This probably means your device didn't install properly for some reason - it's easy to check, here's what to do:

•Windows XP: right click "My Computer", click on "Properties", click the "Hardware" tab, then click "Device Manager".

•Windows Vista and Windows 7: right click "Computer", click on "Properties", then click "Device Manager".

If all's well, you should see an item called "UDC TV BOX" under the section for "Sound, video and game controllers".



If it's listed somewhere else and has a question mark or an exclamation mark next to it, first try removing your PC HDTV Tuner then plugging it into a different USB 2.0 port on your computer. If the device appears in the "Sound, video and game controllers" section, it's been correctly recognized by Windows and should work. If not, the best thing is to reinstall the software driver by running the "Setup Driver" again. If you run into problems, contact our support team so we can help.

MAKING CONNECTIONS easy

Our local tech support specialists are ready to help 24/7

LIVE SUPPORT*

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